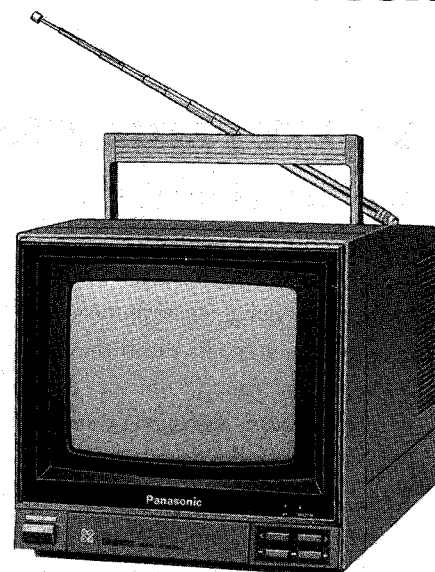


Service Manual

Colour Television

TC-801G

X12 chassis



Please use this manual together with the service manual for Model No. TC-1100G, Order No. ITD84040835C2.

Specifications

Power Source:	AC 220 V/240 V, 50 Hz DC 12V	Picture Tube:	A18JHC30X 8 inches (17 cm V) measured diagonally, 70° deflection
Power Consumption:	AC 35 W (Max.) DC 28 W (Max.)	Audio Output:	2.5 W (Max.)
Aerial Impedance:	75Ω Unbalanced Coaxial Type	Speaker:	8 cm, 8Ω, Round Type
Receiving Systems:	PAL-B, G, I	Connecting Terminals:	Video-In 1.0Vp-p/75Ω Video-Out 1.0Vp-p/75Ω
Receiving Channels:	VHF ch. E2 – E12 UHF ch. E21 – E69		Audio-In Approx. 500mV/10kΩ unbalanced
Intermediate			Audio-Out Approx. 150mV/15kΩ unbalanced
Frequency:	Video 38.9 MHz Sound 32.9 MHz/33.4 MHz Colour 34.47 MHz	Dimensions:	Height: 21.0 cm Width: 21.6 cm Depth: 32.6 cm
Semiconductors:	ICs 15 Transistors 43 Diodes 55 Posistor 1 Varistor 1	Net Weight:	5.8 kg
High Voltage:	17.4 kV at zero beam current		

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

Panasonic

Matsushita Electric Trading Co., Ltd.
C.P.O. Box 288, Osaka 530-91, Japan

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SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. It is advisable to insert an isolation transformer in the power line and AC supply before servicing a hot chassis.
2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations, are properly installed.
4. When the TV set is not to be used for a long period of time, unplug the power cord from the AC outlet.
5. Potentials, as high as 17.4 kV, are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.
6. After servicing make the following leakage current check to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screwheads,

aerials, control shafts, handle brackets, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 490 k Ω and 5.2 M Ω .

When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

X-RADIATION

- WARNING:**
1. The potential source of X-Radiation in the TV set is the High Voltage section and the picture tube.
 2. When using a picture tube test jig for service, ensure that jig is capable of handling 17.4 kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter.

1. Turn Brightness control fully counterclockwise.
2. Set the Service switch (S301) to SERVICE position.
3. Measure the High Voltage. The meter reading should indicate 17.4 kV $\pm$ 1.5 kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
4. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

ADJUSTMENTS

Note: Adjustments except the following are the same as model TC-1100G.

ITEM / PREPARATION	ADJUSTMENT
B Line Voltage - Operate the TV set. (Power Source: AC 240V, 50 Hz) - Set controls: Bright (R316) Min. Contrast (R326) Min.	- Connect DC voltmeter to TPE46. - Adjust R806. TPE46 : $22.8V \pm 0.2V$ - Connect DC voltmeter to TPA41. - Adjust R818. TPA41 : $10.1V \pm 0.1V$ - Confirm voltage at following test points. TPE6 : $119V \pm 8V$ TPE47 : $14.5V \pm 2V$ TPE44 : $14.5V \pm 1V$ TPE48 : $50V \pm 3V$ TPE45 : $-33V \pm 3V$ TPA42 : $11.4V \pm 0.4V$
RF AGC - Supply a colour bar signal. - Set the input level to $60\text{ dB} \pm 2\text{ dB}$. - Set SIF selector switch (S2501) to 6.0 MHz position. - Connect oscilloscope to TPA12 with DC mode.	- Turn RF AGC control (R103) fully clockwise. - Slowly turn R103 counterclockwise to set it at the point just before voltage of TPA12 drops. - Increase the input level by 2 dB and confirm that the voltage changes. - Furthermore, increase the input level by 10 dB and set colour control (R646) to minimum, then make sure that no best takes place.
High Voltage - Operate the TV set over 30 minutes. - Set controls: Bright (R316) Min. Contrast (R326) Min.	- Confirm above-mentioned B Line Voltage. - Connect a high voltage meter (electrostatic type) to an anode of the picture tube. - Confirm that the high voltage is within a range of $17.4\text{ kV} \pm \begin{smallmatrix} 1.5 \\ 1.3 \end{smallmatrix}\text{ kV}$.
DC Power Circuit - Set controls: Bright (R316) Min. Contrast (R326) Min. ADDP Adj. (R853) Fully clockwise DC AVR Adj. (R875) Mid. - Operate the TV set by DC power source.	- Set DC voltage to 12.0V - Connect DC voltmeter to TPE46. - Adjust R875. TPE46 : $22.8V \pm 0.1V$ - Set DC voltage to $10.8V \pm 0.1V$. - Slowly turn R875 counterclockwise to set it at the point just Battery Check Indicator (D1019) lights. - Turn OFF Power Switch. - Reset the DC voltage to 12.0V and turn ON Power Switch. - Slowly decrease the DC voltage and confirm that the ADDP circuit operates at $10.8V \pm \begin{smallmatrix} 0.3 \\ 0.2 \end{smallmatrix}\text{ V}$.

ITEM / PREPARATION	ADJUSTMENT	WAVEFORM
Sub Contrast 1. Receive a colour bar pattern. 2. Connect an oscilloscope to TPA31. 3. Set controls: Bright (R316) Max. Contrast (R326) Max. Colour (R646) Min.	1. Adjust Sub bright (R304). $0.3V \pm 0.3V$ 2. Adjust Sub contrast (R302). $1.5 \pm 0.1V_{o-p}$	Fig. 1
PAL Colour Output Note: Before doing this adjustment, Colour Phase and PAL Delay Line adjustments must be finished. 1. Receive a colour bar pattern. 2. Connect an oscilloscope to TPA32. 3. Set controls: Sub bright (R304) Min. Contrast (R326) Max. Colour (R646) Max.	1. Adjust Sub colour (R602). $1.1 \pm 0.1V_{o-p}$ 2. Connect the oscilloscope to TPA34. 3. Confirm that the waveform is as shown in Fig. 3. Note: If it is not obtained, adjust R605 and L605.	Fig. 2 Fig. 3

LOCATION OF DEFLECTION YOKE AND CONVERGENCE YOKE

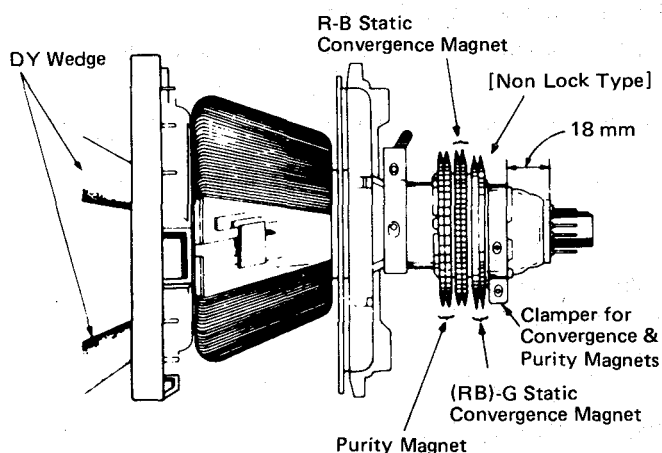


Fig. 4

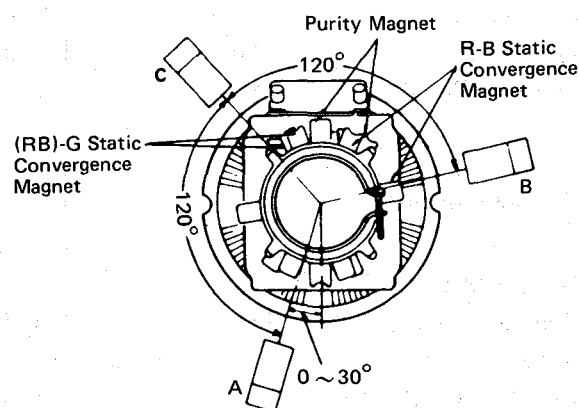


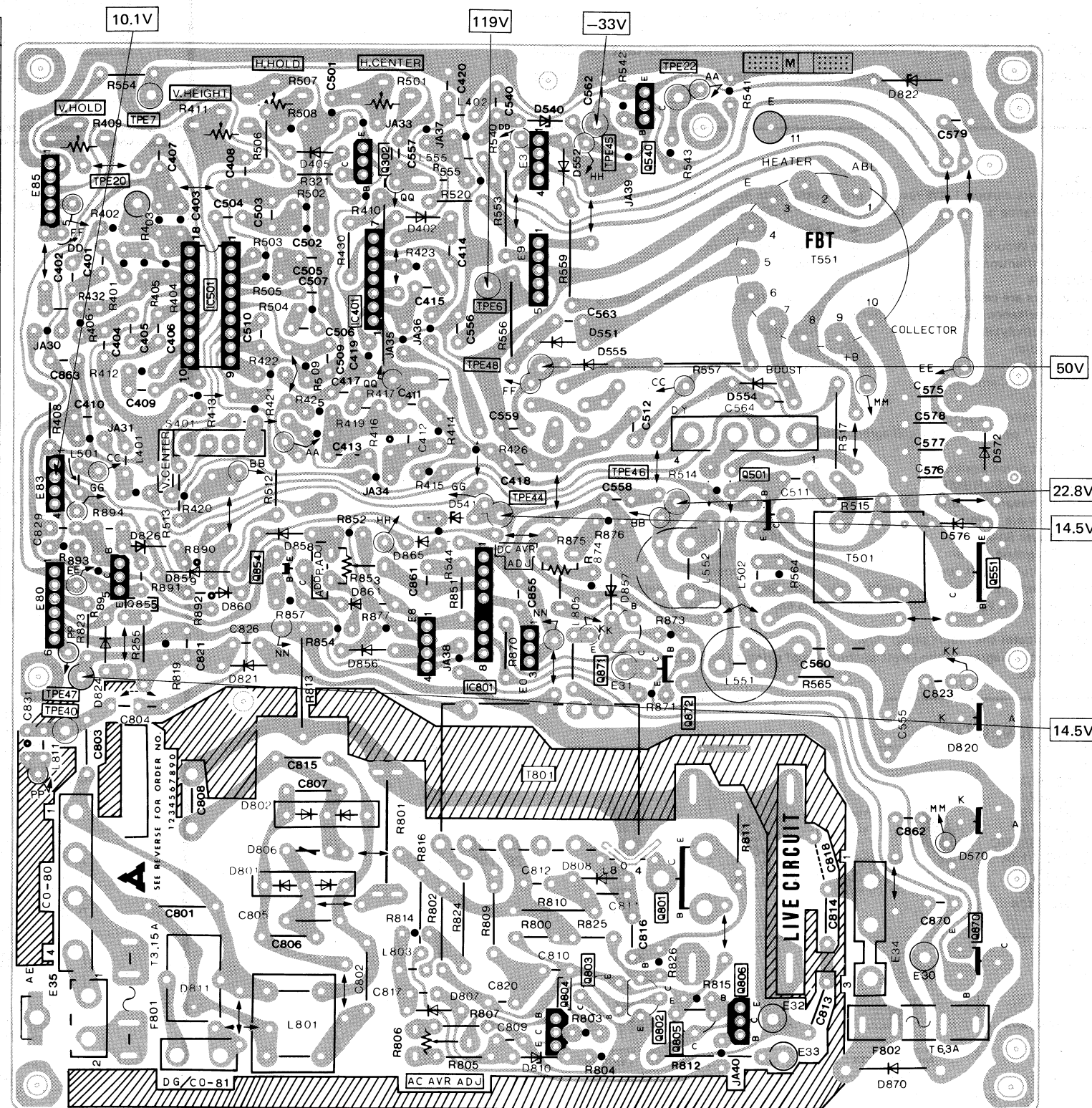
Fig. 5.

NOTE:

- When Convergence Yoke is removed, set it at the position shown in Fig. 4.
- Wedge A shown in Fig. 5 should be fixed within a range of $0^\circ \sim 30^\circ$ to the left of the vertical line as shown.
- After inserting wedge A, insert wedges B and C. The wedges should be set 120° apart from each other.
- Be certain that the three wedges are firmly fixed and the Deflection Yoke is tightly clamped in place. Otherwise the Deflection Yoke may shift its position and cause a loss of convergence and purity.

E-BOARD TNP17814AK

I.C.	Transistor	Diode	Test Point
IC401 IC501	Q540	D822	TPE22
		D540	TPE7
	Q302	D405	TPE45
		D552	
		D402	TPE20
			TPE6
		D551	
		D555	TPE48
		D554	
		D572	
IC801	Q501	D541 D576	TPE46
	Q854 Q551	D858	TPE44
	Q855	D826 D865	
		D859	
	Q871	D860 D857	
	Q872	D861	
		D824 D856	
		D821	TPE47
		D820	
	Q801	D802 D570	
	Q870	D806	
	Q803 Q802	D808	
	Q805 Q806	D811	
	Q804	D807	
		D810	
		D870	



Note: Marked "•" on the printed circuit board shows lead less parts.

SCHEMATIC DIAGRAM FOR MODEL TC-801G (X12 chassis)

Important safety notice

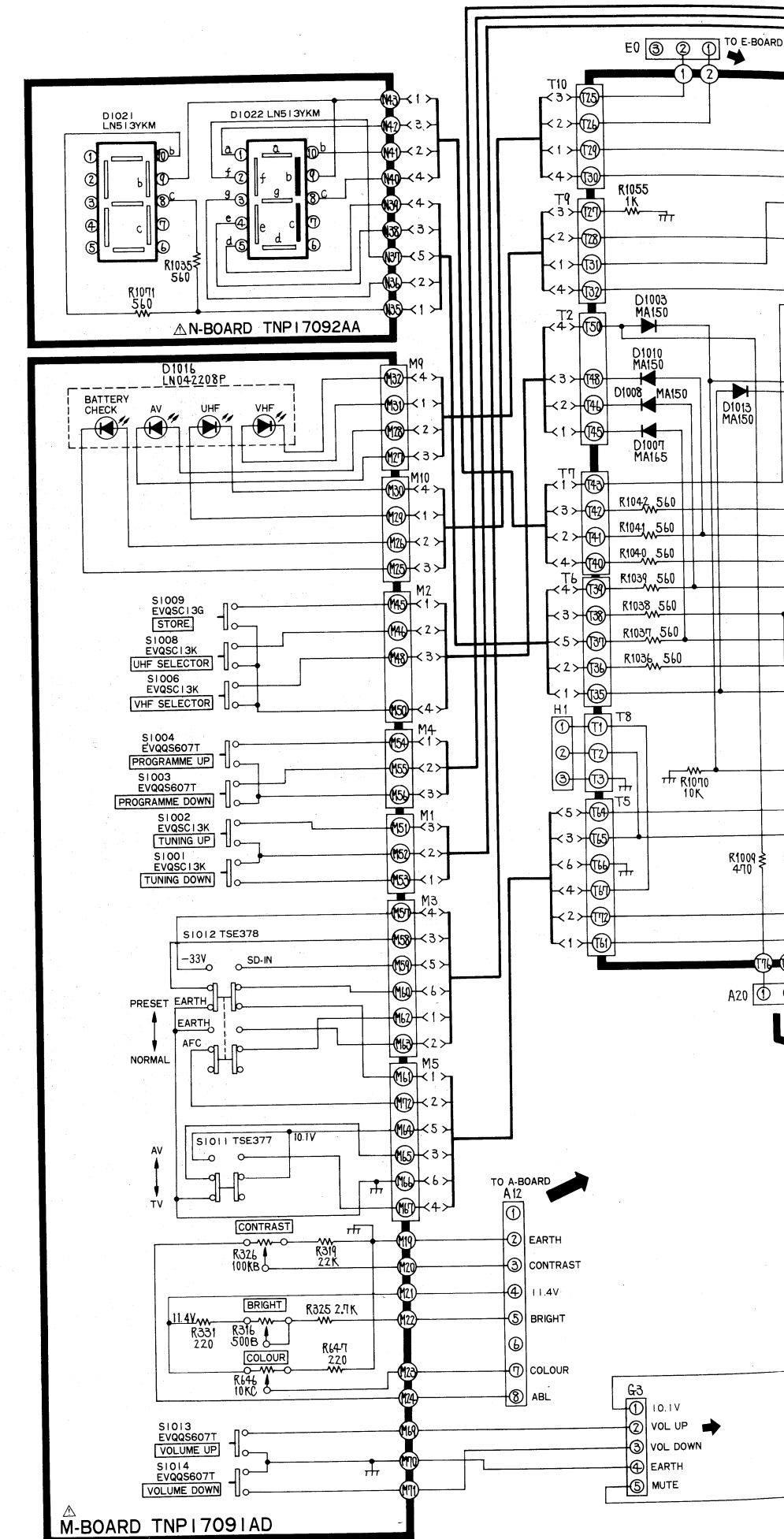
Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

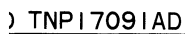
NOTE:

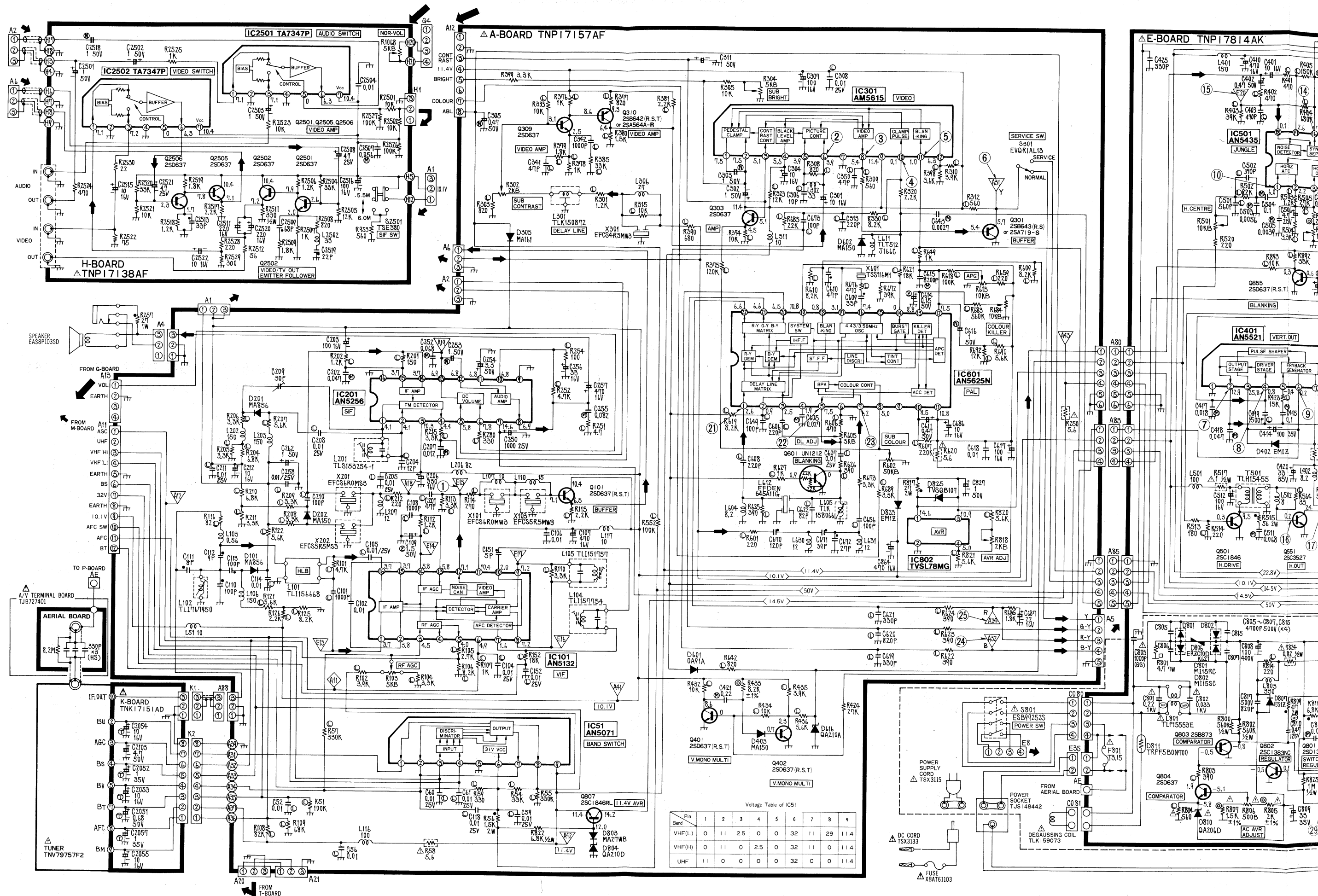
- RESISTOR**
All resistors are carbon 1/4W resistor, unless otherwise noted the following marks.
Unit of resistance is OHM (Ω), (K = 1,000, M = 1,000,000).
 Δ : Solid
 $\square$: Wire Wound
 F : Nonflammable
 $\bullet$: Metal Oxide
 $\odot$: Fixed Metal Film
 --- : Fuse
- CAPACITOR**
All capacitors are ceramic 50V capacitor, unless otherwise noted the following marks.
Unit of capacitance is μF , unless otherwise noted.
 H : Electrolytic
 N : Bipolar
 Z : Z-Type
 T : Dipped Tantalum
 M : Polyester
 MP : Metalized Polyester
 P : Polypropylene
 $\bullet$: Temperature Compensation
- COIL**
Unit of inductance is μH .
- Marked "L" on the schematic diagram shows lead less parts.
- TEST POINT**
 ∇ : Test point position
 $\diamond$: Pinless test point
- VOLTAGE MEASUREMENT**
Voltage is measured by a volt ohm meter with DC 20K OHM/V. Conditions of the measurement are following;
 Power Source : AC 240V, 50 Hz
 Receiving Signal : Colour bar pattern.
 All customer's controls : Maximum position
- Number in red circle indicates waveform number. See waveform pattern table.
- When arrow mark ($\blacktriangleright$) is found, connection is easily found along with the direction of an arrow.
- $\blacktriangleright$: Indicates the major signal flow.
- This schematic diagram is the latest at the time of printing and subject to change without notice.

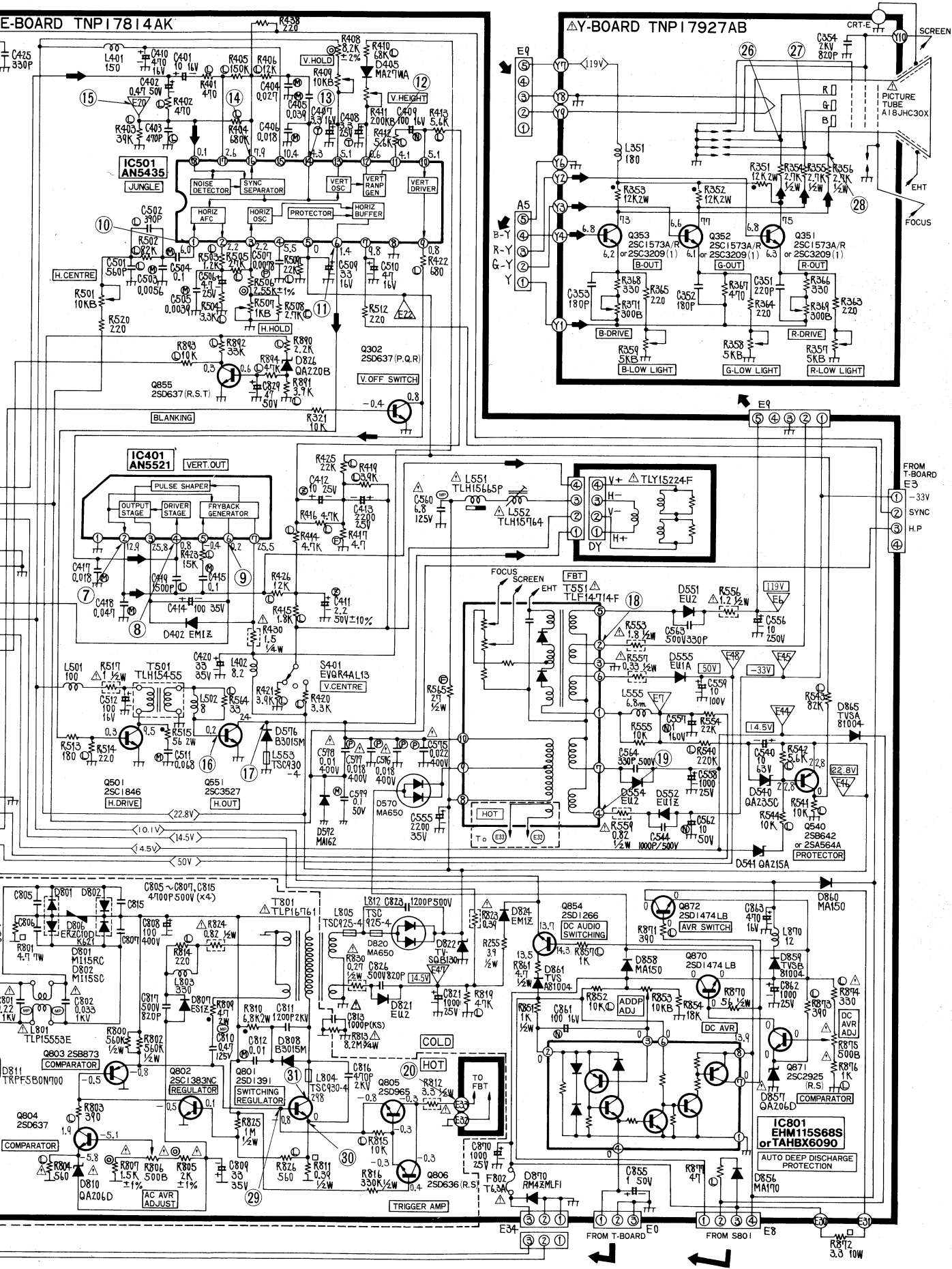
TRANSISTOR PIN CONNECTION

	2SA564A 2SA684 2SA719 2SB873 2SC1383NC 2SC1513A 2SC2925 2SD965 2SD1474		2SB642 2SB643 2SD636 2SD637 UN1212 UN1213		2SA886 2SC1846
	2SC3209		2SD1266		2SC3527
	2SD1391				

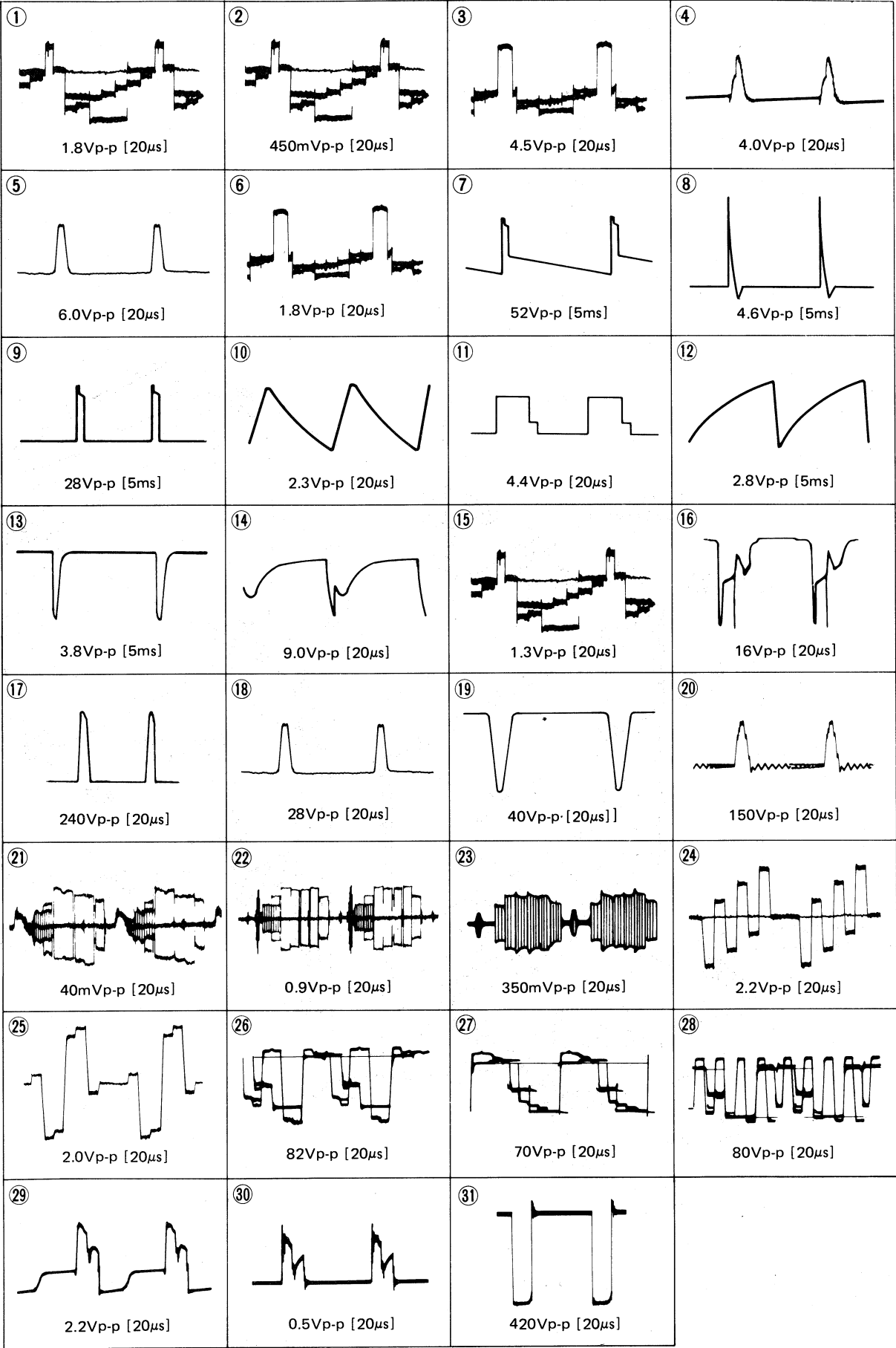






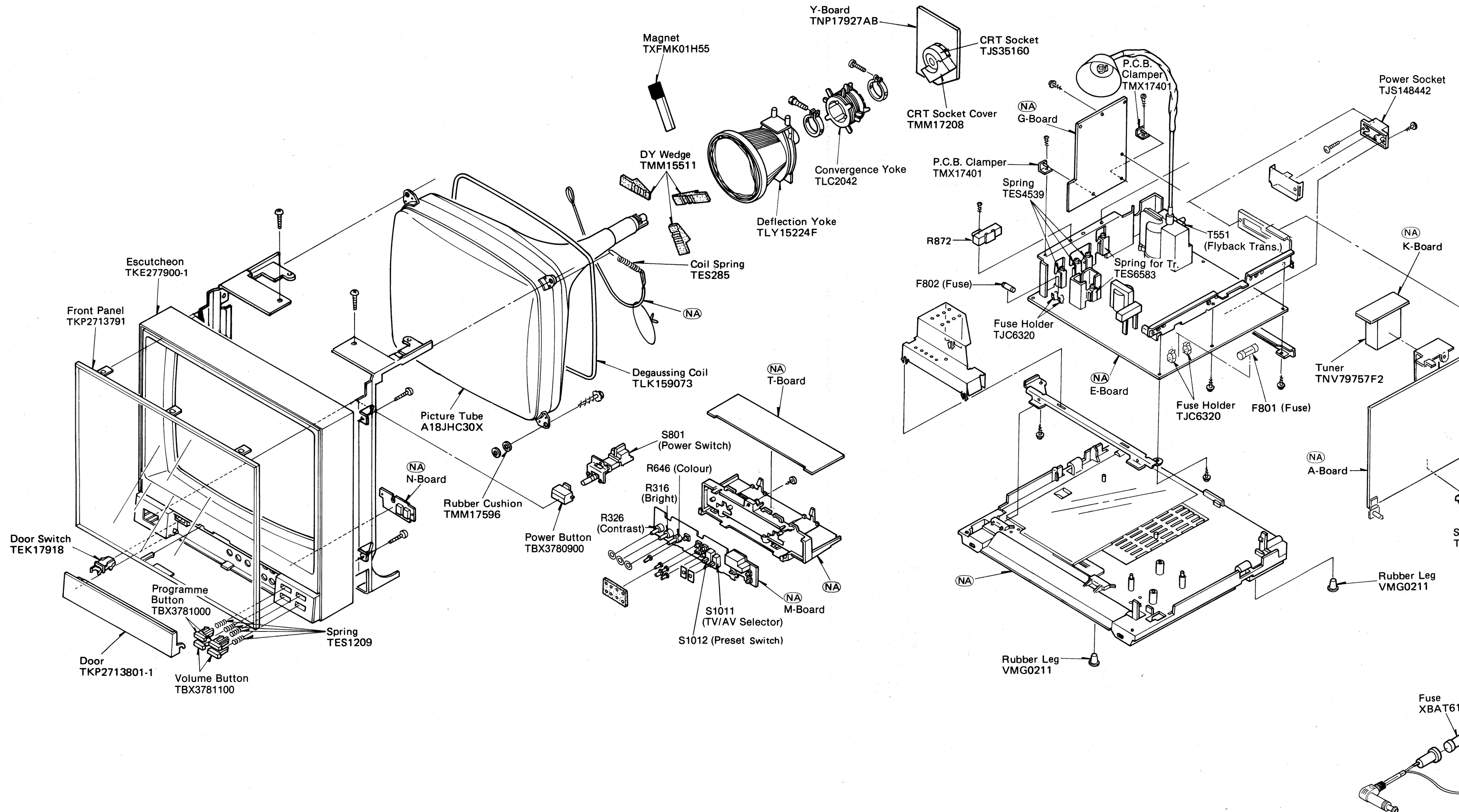


WAVEFORM PATTERN TABLE

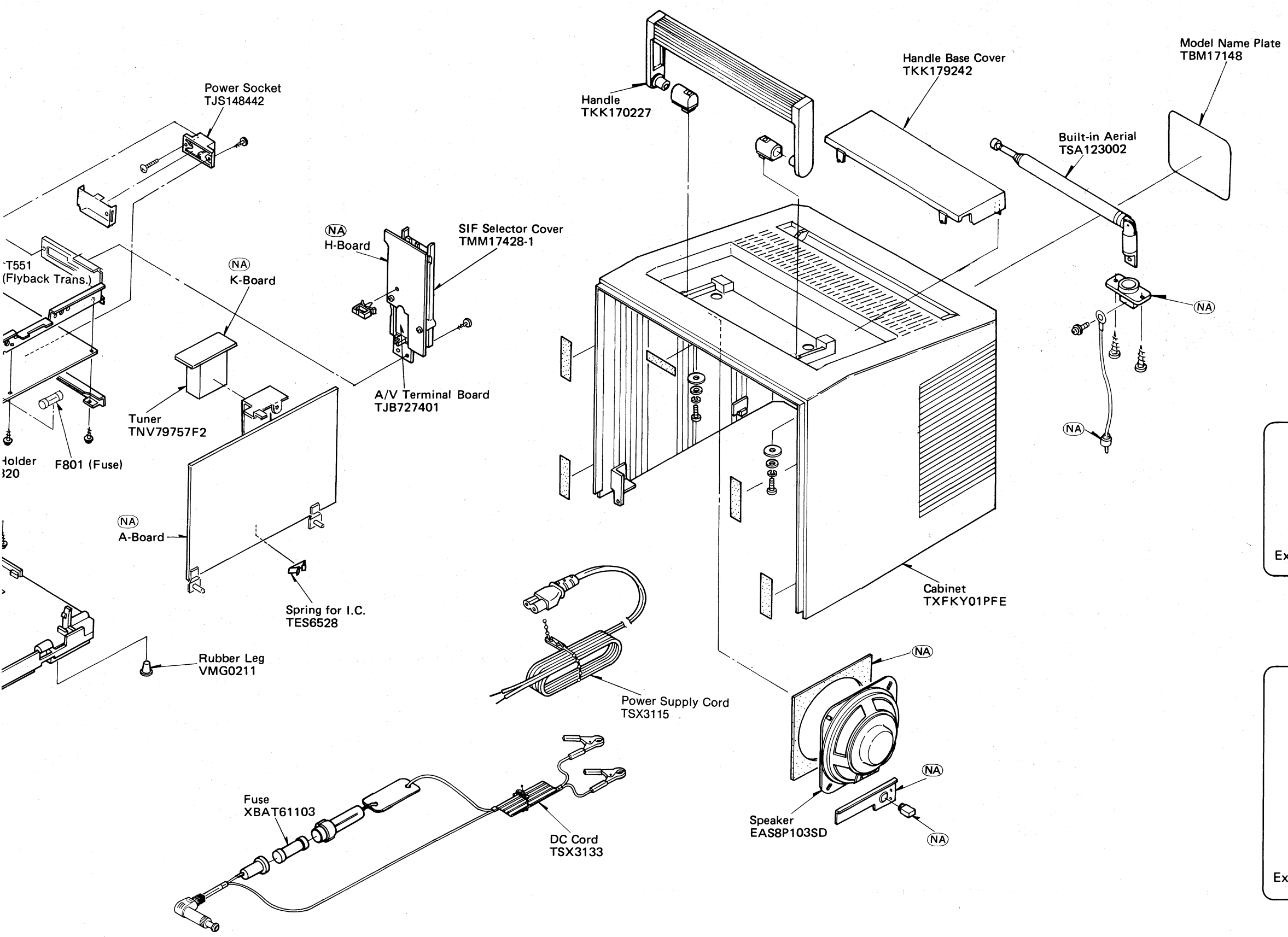


PARTS LOCATION

NOTE: Parts or Components marked with (NA) and unlisted are not available as a replacement parts.



(NA) and
nt parts.



**ABBREVIATION OF PART NAME
AND DESCRIPTION**

RESISTOR

PART NAME & DESCRIPTION			
TYPE		ALLOWANCE	
C	Carbon	F	± 1%
F	Fuse	J	± 5%
M	Metal Oxide	K	± 10%
S	Solid	M	± 20%
W	Wire Wound	G	± 2%

Part No. Description
Example: ERD25TJ104 100K 1/4W

CAPACITOR

PART NAME & DESCRIPTION			
TYPE		ALLOWANCE	
C	Ceramic	C	± 0.25pF
E	Electrolytic	D	± 0.5pF
P	Polyester	F	± 1pF
S	Styrol	J	± 5%
T	Tantalum	K	± 10%
		L	± 15%
		M	± 20%
		P	+100% -0%
		Z	+80% -20%

Part No. Description
Example: ECKF1H103ZF 0.01μF 50V

REPLACEMENT PARTS LIST

Important safety notice

Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Note: All the printed circuit boards are not available as a complete printed circuit board except Y-Board.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
RESISTORS					
R51	ERD25TLJ104	C 100KOHM, J, 1/4W	R254	ERD25TLJ101	C 100OHM, J, 1/4W
R54	ERD25TLJ333	C 33KOHM, J, 1/4W	R255	ERG1SJ150P	M 150HM, J, 1W
R55	ERD25TLJ334	C 330KOHM, J, 1/4W	R257	ERG1ANJ270	M 270HM, J, 1W
R56	ERG2SJ152H	M 1.5KOHM, J, 2W	R280	ERD25TLJ331	C 330OHM, J, 1/4W
R57	ERD25TLJ334	C 330KOHM, J, 1/4W	R301	ERD25TLJ122	C 1.2KOHM, J, 1/4W
Δ R58	ERQ14LK5R6P	F 5.6OHM, K, 1/4W	R302	EVN89AA00B23	SUB CONTRAST 2KOHMB
R59	ERD25TLJ331	C 330OHM, J, 1/4W	R303	ERD25TJ821	C 820OHM, J, 1/4W
R101	ERD25TLJ472	C 4.7KOHM, J, 1/4W	R304	EVN89AA00B53	SUB BRIGHT 5KOHMB
R102	ERD25TLJ392	C 3.9KOHM, J, 1/4W	R305	ERD25TJ103	C 10KOHM, J, 1/4W
R103	EVLSOMA00B53	RF AGC 5KOHMB	R308	ERD25TLJ821	C 820OHM, J, 1/4W
R104	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R309	ERD25TLJ561	C 560OHM, J, 1/4W
R105	ERD25TLJ272	C 2.7KOHM, J, 1/4W	R310	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R106	ERD25TLJ822	C 8.2KOHM, J, 1/4W	R312	ERD25TLJ561	C 560OHM, J, 1/4W
R107	ERD25TLJ102	C 1KOHM, J, 1/4W	R315	ERD25TLJ103	C 10KOHM, J, 1/4W
R108	ERD25TLJ823	C 82KOHM, J, 1/4W	R316	EVJFQAE20B52	CONTROL 500OHMB
R109	ERD25TLJ683	C 68KOHM, J, 1/4W	R319	ERDS2TJ223	C 22KOHM, J, 1/4W
R110	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R320	ERD25TJ222	C 2.2KOHM, J, 1/4W
R112	ERD25TLJ122	C 1.2KOHM, J, 1/4W	R321	ERD25TJ103	C 10KOHM, J, 1/4W
R113	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R323	ERD25TLJ123	C 12KOHM, J, 1/4W
R114	ERD25TLJ271	C 270OHM, J, 1/4W	R325	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R115	ERD25TLJ222	C 2.2KOHM, J, 1/4W	R326	EVJFHAE20B15	CONTROL 100KOHMB
R116	ERD25TLJ820	C 82OHM, J, 1/4W	R330	ERD25TLJ822	C 8.2KOHM, J, 1/4W
R121	ERD25TLJ562	C 5.6KOHM, J, 1/4W	R331	ERDS2TJ221	C 220OHM, J, 1/4W
R122	ERD25TLJ562	C 5.6KOHM, J, 1/4W	R333	ERD25TLJ103	C 10KOHM, J, 1/4W
R125	ERD25TLJ822	C 8.2KOHM, J, 1/4W	R351	ERG2SJ123H	M 12KOHM, J, 2W
R126	ERD25TLJ222	C 2.2KOHM, J, 1/4W	R352	ERG2SJ123H	M 12KOHM, J, 2W
R152	ERD25TLJ183	C 18KOHM, J, 1/4W	R353	ERG2SJ123H	M 12KOHM, J, 2W
R201	ERD25TLJ151	C 150OHM, J, 1/4W	R354	ERD50TJ272	C 2.7KOHM, J, 1/2W
R202	ERD25TLJ122	C 1.2KOHM, J, 1/4W	R355	ERD50TJ272	C 2.7KOHM, J, 1/2W
R204	ERD25TLJ682	C 6.8KOHM, J, 1/4W	R356	ERD50TJ272	C 2.7KOHM, J, 1/2W
R205	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R357	EVN89AA00B53	CONTROL 5KOHMB
R206	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R358	EVN89AA00B53	CONTROL 5KOHMB
R207	ERD25TLJ562	C 5.6KOHM, J, 1/4W	R359	EVN89AA00B53	CONTROL 5KOHMB
R208	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R363	ERD25TJ221	C 220OHM, J, 1/4W
R209	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R364	ERD25TJ221	C 220OHM, J, 1/4W
R210	ERD25TLJ682	C 6.8KOHM, J, 1/4W	R365	ERD25TJ221	C 220OHM, J, 1/4W
R211	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R366	ERD25TJ331	C 330OHM, J, 1/4W
R212	ERD25TLJ221	C 220OHM, J, 1/4W	R367	ERD25TJ471	C 470OHM, J, 1/4W
R215	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R368	ERD25TJ331	C 330OHM, J, 1/4W
Δ R250	ERQ14LK5R6P	F 5.6OHM, K, 1/4W	R369	EVN89AA00B32	CONTROL 300OHMB
R251	ERD25TLJ4R7	C 4.7OHM, J, 1/4W	R371	EVN89AA00B32	CONTROL 300OHMB
R252	ERD25TLJ472	C 4.7KOHM, J, 1/4W	R374	ERD25TLJ103	C 10KOHM, J, 1/4W
			R375	ERD25TLJ124	C 120KOHM, J, 1/4W
			R376	ERD25TLJ102	C 1KOHM, J, 1/4W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R 646	EVJFHAE20C14	COLOUR 10KOHMC	R 854	ERD25TLJ183	C 18KOHM, J, 1/4W
R 647	ERDS2TJ221	C 220OHM, J, 1/4W	R 857	ERD25TLJ102	C 1KOHM, J, 1/4W
R 649	ERD25TLJ102	C 1KOHM, J, 1/4W	R 861	ERDS1TJ4R7	C 4.7OHM, J, 1/2W
R 659	ERD25TLJ221	C 220OHM, J, 1/4W	R 870	ERDS1TJ560	C 560OHM, J, 1/2W
R 672	ERD25TJ393	C 39KOHM, J, 1/4W	R 871	ERD25TLJ391	C 390OHM, J, 1/4W
R 673	ERD25TJ332	C 3.3KOHM, J, 1/4W	R 872	ERF10BM3R3	W 3.3OHM, 10W
R 676	ERD25TLJ471	C 470OHM, J, 1/4W	R 873	ERD25TLJ391	C 390OHM, J, 1/4W
R 683	ERD25TLJ564	C 560KOHM, J, 1/4W	Δ R 874	ERD25TLJ331	C 330OHM, J, 1/4W
R 684	EVN89AA00B14	COLOUR KILLER 10KOHMB	Δ R 875	EVN65AA00B52	DC AVR ADJ. 500OHMB
R 685	ERD25TLJ223	C 22KOHM, J, 1/4W	Δ R 876	ERD25TLJ102	C 1KOHM, J, 1/4W
R 686	ERD25TJ182	C 1.8KOHM, J, 1/4W	R 877	ERD25TLJ470	C 47OHM, J, 1/4W
R 689	ERD25TLJ332	C 3.3KOHM, J, 1/4W	R 890	ERD25TLJ222	C 2.2KOHM, J, 1/4W
R 690	ERD25TLJ562	C 5.6KOHM, J, 1/4W	R 891	ERD25TLJ392	C 3.9KOHM, J, 1/4W
R 692	ERD25TLJ123	C 12KOHM, J, 1/4W	R 892	ERD25TLJ333	C 33KOHM, J, 1/4W
R 800	ERD50TJ564	C 560KOHM, J, 1/2W	R 893	ERD25TLJ103	C 10KOHM, J, 1/4W
R 801	ERF7ZK4R7	W 4.7OHM, K, 7W	R 894	ERD25TLJ473	C 47KOHM, J, 1/4W
R 802	ERD50TJ564	C 560KOHM, J, 1/2W	R 953	ERDS2TJ561	C 560OHM, J, 1/4W
R 803	ERD25TLJ391	C 390OHM, J, 1/4W	Δ R1001	ERQ14AJ100P	F 10OHM, J, 1/4W
Δ R 804	ERD25TLJ561	C 560OHM, J, 1/4W	R1008	ERDS2TJ471	C 470OHM, J, 1/4W
Δ R 805	ER025CKF2001	M 2KOHM, F, 1/4W	R1009	ERDS2TJ471	C 470OHM, J, 1/4W
Δ R 806	EVN65AA00B52	AC AVR ADJ. 500OHMB	R1016	ERDS2TJ472	C 4.7KOHM, J, 1/4W
Δ R 807	ER025CKF1501	M 1.5KOHM, F, 1/4W	R1017	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R 809	ERG2SJ470H	M 47OHM, J, 2W	R1018	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R 810	ERG2SJ682H	M 6.8KOHM, J, 2W	R1019	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R 811	ERW12PKR39	W 0.39OHM, K, 1/2W	R1020	ERDS2TJ123	C 12KOHM, J, 1/4W
Δ R 812	ERQ12HJ3R3P	F 3.3OHM, J, 1/2W	R1022	ERDS2TJ471	C 470OHM, J, 1/4W
Δ R 813	ERD75TAJ825	C 8.2MOHM, J, 3/4W	R1024	ERDS2TJ471	C 470OHM, J, 1/4W
R 814	ERD25TLJ221	C 220OHM, J, 1/4W	R1026	ERDS2TJ153	C 15KOHM, J, 1/4W
R 815	ERD25TLJ103	C 10KOHM, J, 1/4W	R1027	ERDS2TJ473	C 47KOHM, J, 1/4W
R 816	ERD50TJ334	C 330KOHM, J, 1/2W	R1030	ERDS2TJ103	C 10KOHM, J, 1/4W
R 817	ERG2ANJ270H	M 27OHM, J, 2W	R1031	ERDS2TJ223	C 22KOHM, J, 1/4W
R 818	EVN89AA00B23	AVR ADJ. 2KOHMB	R1035	ERDS2TJ561	C 560OHM, J, 1/4W
R 819	ERD25TLJ473	C 47KOHM, J, 1/4W	R1036	ERDS2TJ561	C 560OHM, J, 1/4W
R 820	ERD25TLJ562	C 5.6KOHM, J, 1/4W	R1037	ERDS2TJ561	C 560OHM, J, 1/4W
R 821	ERD25TLJ562	C 5.6KOHM, J, 1/4W	R1038	ERDS2TJ561	C 560OHM, J, 1/4W
R 822	ERDS1TJ682	C 6.8KOHM, J, 1/2W	R1039	ERDS2TJ561	C 560OHM, J, 1/4W
Δ R 823	ERQ14LKR39P	F 0.39OHM, K, 1/4W	R1040	ERDS2TJ561	C 560OHM, J, 1/4W
Δ R 824	ERQ12HKR82P	F 0.82OHM, K, 1/2W	R1041	ERDS2TJ561	C 560OHM, J, 1/4W
R 825	ERD50TJ105	C 1MOHM, J, 1/2W	R1042	ERDS2TJ561	C 560OHM, J, 1/4W
R 826	ERD25TLJ561	C 560OHM, J, 1/4W	R1044	ERDS2TJ104	C 100KOHM, J, 1/4W
Δ R 830	ERQ12HKR27P	F 0.27OHM, K, 1/2W	R1055	ERDS2TJ102	C 1KOHM, J, 1/4W
R 851	ERDS1TJ102	C 1KOHM, J, 1/2W	R1057	ERDS2TJ103	C 10KOHM, J, 1/4W
R 852	ERD25TLJ103	C 10KOHM, J, 1/4W	R1058	ERDS2TJ103	C 10KOHM, J, 1/4W
R 853	EVN89AA00B14	ADDP ADJ. 10KOHMB	R1059	ERDS2TJ102	C 1KOHM, J, 1/4W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C205	TCBL1E103NR	C 0.01UF, N, 25V	C413	ECEA1EU222	E 2200UF, 25V
C206	ECEA1CU331	E 330UF, 16V	C414	ECEA1VU101	E 100UF, 35V
C207	ECQM1H123KV	P 0.012UF, K, 50V	C415	ECQM1H104KV	P 0.1UF, K, 50V
C208	TCBL1E103NR	C 0.01UF, N, 25V	C417	ECQM1H183KV	P 0.018UF, K, 50V
C209	TCRHA030E11	TRIMMER	C418	ECQM1H473KV	P 0.047UF, K, 50V
C210	TCBL1H101J	C 100PF, J, 50V	C419	TCBL1H152MR	C 1500PF, M, 50V
C211	TCBL1E103NR	C 0.01UF, N, 25V	C420	ECEA1VU330	E 33UF, 35V
C212	ECEA1CU100	E 10UF, 16V	C421	ECQM1H224JV	P 0.22UF, J, 50V
C250	ECEA1EU102	E 1000UF, 25V	C425	ECKF1H331KB	C 330PF, K, 50V
C252	ECQM1H683KV	P 0.068UF, K, 50V	C501	TCBL1H561KB	C 560PF, K, 50V
C253	ECEA1HN010S	E 1UF, 50V	C502	TCBL1H391KB	C 390PF, K, 50V
C254	ECEA1HU3R3	E 3.3UF, 50V	C503	ECQM1H562KV	P 5600PF, K, 50V
C255	ECQM1H823KV	P 0.082UF, K, 50V	C504	ECQM1H104KV	P 0.1UF, K, 50V
C256	ECEA1CU330	E 33UF, 16V	C505	ECQM1H392KV	P 3900PF, K, 50V
C257	ECEA1CU471	E 470UF, 16V	C506	ECEA1EU4R7	E 4.7UF, 25V
C258	TCBL1E103NR	C 0.01UF, N, 25V	C507	ECQK1782JZ	P 7800PF, J, 100V
C262	ECEA1HU010	E 1UF, 50V	C509	ECEA1CU330	E 33UF, 16V
C301	ECEA1CU100	E 10UF, 16V	C510	ECEA1CU470	E 47UF, 16V
C302	ECEA1HS010	E 1UF, 50V	C511	ECQM1H683KV	P 0.068UF, K, 50V
C303	ECEA1HN010S	E 1UF, 50V	C512	ECEA1CU101	E 100UF, 16V
C304	ECEA1CU100	E 10UF, 16V	C540	ECEA1JU100	E 10UF, 63V
C305	ECEA1HNR47S	E 0.47UF, 50V	C554	ECKD2H102KB2	C 1000PF, K, 500V
C306	TCBL1H100J	C 10PF, J, 50V	C555	ECEA1VU222	C 2200UF, 35V
C307	ECEA1CU101	E 100UF, 16V	C556	ECEA2ES100	E 10UF, 250V
C308	TCBL1E103NR	C 0.01UF, N, 25V	C557	ECEA160N1	E 1UF, 160V
C311	ECEA1HS010	E 1UF, 50V	C558	ECEA1EU102	E 1000UF, 25V
C313	TCBL1H221KB	C 220PF, K, 50V	C559	ECEA2AU100	E 10UF, 100V
C341	TCBL1H470J	C 47PF, J, 50V	△ C560	ECQE1685KN	P 6.8UF, K, 125V
C342	TCBL1H102KB	C 1000PF, K, 50V	C562	ECEA1HN100S	E 10UF, 50V
C350	TCBL1H470J	C 47PF, J, 50V	C563	ECKD2H331KB2	C 330PF, K, 500V
C 351	ECKF1H221KB	C 220PF, K, 50V	C564	ECKD2H331KB2	C 330PF, K, 500V
C352	ECKF1H181KB	C 180PF, K, 50V	△ C575	ECQF4223JZ	P 0.022UF, J, 400V
C353	ECKF1H181KB	C 180PF, K, 50V	△ C576	ECQF4183JZ	P 0.018UF, J, 400V
C354	ECKD3D821JBN	C 820PF, J, 2KV	△ C577	ECQF4183JZ	P 0.018UF, J, 400V
C401	ECEA1CU100	E 10UF, 16V	△ C578	ECQF4103JZ	P 0.01UF, J, 400V
C402	ECEA1HUR47	E 0.47UF, 50V	C579	ECQM1H104KV	P 0.1UF, K, 50V
C403	TCBL1H471KB	C 470PF, K, 50V	C605	ECQM1H273KV	P 0.027UF, K, 50V
C404	ECQM1H273KV	P 0.027UF, K, 50V	C606	TCBL1H221KB	C 220PF, K, 50V
C405	ECQM1H393KV	P 0.039UF, K, 50V	C607	TCBL1E103NR	C 0.01UF, N, 25V
C406	ECQM1H183KV	P 0.018UF, K, 50V	C608	TCBL1H221KB	C 220PF, K, 50V
C407	ECSZ16EF3R3	T 3.3UF, 16V	C609	ECCF1H330JC	C 33PF, J, 50V
C408	ECSF25E3R3V	T 3.3UF, 25V	C610	ECCF1H470JC	C 47PF, J, 50V
C409	ECEA1CN101S	E 100UF, 16V	C611	ECEA1HUR47	E 0.47UF, 50V
C410	ECEA1CU471	E 470UF, 16V	C614	ECEA50ZR15	E 0.15UF, 50V
C411	ECEA50Z2R2	E 2.2UF, 50V			
C412	ECEA25Z10	E 10UF, 25V			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C2520	ECEA1CSS221	E 220UF, 16V	L812	TSC925-4	CHOKE COIL
C2521	ECEA1EK4R7	E 4.7UF, 25V	L870	TLQ120K126	PEAKING COIL 12U
C2522	ECEA1CK100	E 10UF, 16V	L1001	TLT271K991K	PEAKING COIL 270U
COILS			L1004	TLQ470K126	PEAKING COIL 47U
L51	TLT100K991K	PEAKING COIL 10U	L1100	TLT100K991K	PEAKING COIL 10U
L101	TLI156668	HLB FILTER TRANS.	L2502	TLT330J991K	PEAKING COIL 33U
L102	TLI767950	VIDEO IF TRANS.	TRANSFORMERS		
L103	TLQR56N205C	PEAKING COIL 0.56U	T501	TLH15455	H.DRIVE TRANS.
L104	TLI157754	VIDEO IF TRANS.	△ T551	TLF14714F	FLYBACK TRANS.
L105	TLI151757	VIDEO IF TRANS	△ T801	TLP16761	TRANS.
L106	TLT151K991K	PEAKING COIL 150U	DIODES		
L107	TLT100K991K	PEAKING COIL 10U	D101	MA856	DIODE
L110	TLT150K991K	PEAKING COIL 15U	D201	MA856	DIODE
L116	TLT101K991K	PEAKING COIL 100U	D202	MA150	DIODE
L117	TLT100K991K	PEAKING COIL 10U	D305	MA161	DIODE
L201	TLS153254-1	AUDIO IF TRANS	D402	TVSEM1Z	DIODE
L202	TLT151K991K	PEAKING COIL 150U	D403	MA150	DIODE
L203	TLT151K991K	PEAKING COIL 150U	D405	MA27WA	DIODE
L206	TLT820K991K	PEAKING COIL 82U	D540	TVSQA235C	ZENER DIODE
L207	TLT120K991K	PEAKING COIL 12U	D541	TVSQA215A	ZENER DIODE
L301	TLK150872	DELAY LINE	D551	TVSEU2	DIODE
L302	TLX330J176C	PEAKING COIL 33U	D552	TVSEU1Z	DIODE
L306	TLT270K991K	PEAKING COIL 27U	D554	TVSEU2	DIODE
L311	TLT100K991K	PEAKING COIL 10U	D555	TVSEU1A	DIODE
L351	TLT181K991K	PEAKING COIL 180U	D570	MA650	DIODE
L401	TLT151K991K	PEAKING COIL 150U	D572	MA162	DIODE
L402	TLQ082K126	PEAKING COIL 8.2U	D576	TVSB3015M	DIODE
L501	TLQ101K126	PEAKING COIL 100U	D601	OA91A	DIODE
L502	TLT080L119C	PEAKING COIL 8U	D602	MA150	DIODE
△ L551	TLH15665P	LINEARITY COIL	D616	TVSQA210A	ZENER DIODE
△ L552	TLH15764	COIL	D801	TVSMI15RC	DIODE
L553	TSC930-4	CHOKE COIL	D802	TVSMI15SC	DIODE
L555	TLT682K991K	PEAKING COIL 6.8m	D803	MA27WB	DIODE
L604	TLQ082J205C	PEAKING COIL 8.2U	D804	TVSQA210D	ZENER DIODE
L605	TLK158066	DL MATCHING TRANS.	D806	ERZC10DK621	VARISTOR
L611	TLT512J166C	PEAKING COIL 5.1m	D807	TVSES1Z	DIODE
L612	EFDEN645A11G	DELAY LINE	D808	TVSB3015M	DIODE
L630	TLT120K991K	PEAKING COIL 12U	△ D810	TVSQA206D	ZENER DIODE
L631	TLT120K991K	PEAKING COIL 12U	D811	TRPF5BON700	POSISTOR
△ L801	TLP15553E	LINE FILTER	D820	MA650	DIODE
L803	TLT331K991K	PEAKING COIL 330U	D821	TVSEU2	DIODE
L804	TSC930-4	CHOKE COIL			
L805	TSC925-4	CHOKE COIL			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
D822	TVSQB130	ZENER DIODE	TRANSISTORS		
D823	TVSEM1Z	DIODE	Q101	2SD637-R	BUFFER
D824	TVSEM1Z	DIODE	Q301	2SA719-S	BUFFER
D825	TVSQB107	ZENER DIODE	Q302	2SD637-R	V. OFF SWITCH
D826	TVSQA220B	ZENER DIODE	Q303	2SD637-R	AMP
D856	MA170	DIODE	Q309	2SD637-R	VIDEO AMP
△ D857	TVSQA206D	ZENER DIODE	Q310	2SA564A-R	VIDEO AMP
D858	MA150	DIODE	Q351	2SC1573A	R-OUR
D859	TVSB81004	DIODE	Q352	2SC1573A	G-OUT
D860	MA150	DIODE	Q353	2SC1573A	B-OUT
D861	TVSA81004	DIODE	Q401	2SD637-R	V. MONO MULTI.
D865	TVSA81004	DIODE	Q402	2SD637-R	V. MONO MULTI.
D870	TVSRM4ZMLF1	DIODE	Q501	2SC1846	H. DRIVE
D1002	TVSQB126M	ZENER DIODE	Q540	2SA564A-R	PROTECTOR
D1003	MA150	DIODE	Q551	2SC3527	H. OUT
D1005	MA165	DIODE	Q601	UN1212	BLANKING
D1007	MA165	DIODE	Q801	2SD1391	SWITCHING REG.
D1008	MA150	DIODE	Q802	2SC1383NC	REGULATOR
D1010	MA150	DIODE	Q803	2SB873	COMPARATOR
D1012	MA154WK	DIODE	Q804	2SD637-R	COMPARATOR
D1013	MA150	DIODE	Q805	2SD965	TRIGGER AMP.
D1016	LN042208P	LED	Q806	2SD636-R	TRIGGER AMP.
D1021	LN513YKM	PROGRAMME INDICATOR	Q807	2SC1846	11.4V AVR
D1022	LN513YKM	PROGRAMME INDICATOR	Q854	2SD1266	DC AUDIO SWITCHING
D1100	TVSRD4.7EB1	ZENER DIODE	Q855	2SD637-R	BLANKING
D1101	MA1051M	DIODE	Q870	2SD1474	DC AVR
D1102	MA150	DIODE	Q871	2SC2925	COMPARATOR
INTEGRATED CIRCUITS			Q872	2SD1474	AVR SWITCH
IC51	AN5071	BAND SWITCH	Q1005	2SA684	AVR
IC101	AN5132	VIF	Q1006	2SD637-R	SOUND MUTE
IC201	AN5256	SIF	Q1008	2SD637-R	PROG. INDICATOR SW
IC301	AN5615	VIDEO	Q1010	2SD637-R	INITIALIZE
IC401	AN5521	V. OUT	Q1014	UN1213	BAND INDICATOR
IC501	AN5435	JUNGLE	Q1015	2SD637-R	BAND INDICATOR
IC601	AN5625N	PAL COLOUR	Q1016	UN1213	AFC MUTE OFF SW
IC801	EHM115S68S	AUTO DEEP DISCHARGE PROTECTION	Q1100	2SD637-R	NORMAL SWITCH
IC802	TVSL78MG	AVR	Q1101	2SD637-R	NORMAL SWITCH
IC1001	TMX3457NL	TUNING CONTROL/ PROG. INDICATOR DRIVE	Q1102	2SD637-R	] SOUND CONTROL OFF SWITCH
IC1002	EHMSK21W94S	LOGIC GATE	Q1103	2SD637-R	
IC1003	EHMS114W97S	SIGNAL DETECTOR	Q1104	2SD637-R	
IC1100	MN1403TN	SOUND CONTROL	Q2501	2SD637-R	
IC2501	TVSTA7347P	AUDIO SWITCH	Q2502	2SD637-R	VIDEO AMP.
IC2502	TVSTA7347P	VIDEO SWITCH	Q2505	2SD637-R	VIDEO/TV OUT
			Q2506	2SD637-R	EMITTER FOLLOWER
					VIDEO AMP.
					VIDEO AMP.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C 615	ECQM1H822JV	P 8200PF, J, 50V	C1004	ECEA50ZR47	E 0.47UF, 50V
C 616	ECEA1HN010S	E 1UF, 50V	C1006	ECEA1CU4R7	E 4.7UF, 16V
C 617	ECEA1CU101	E 100UF, 16V	C1007	ECKF1H271KB	C 270PF, K, 50V
C 618	ECKF1H103ZF	C 0.01UF, Z, 50V	C1008	ECKF1H271KB	C 270PF, K, 50V
C 619	TCBL1H331KB	C 330PF, K, 50V	C1010	ECKF1H103ZF	C 0.01UF, Z, 50V
C 620	TCBL1H821KB	C 820PF, K, 50V	C1012	ECEA1HU100	E 10UF, 50V
C 621	TCBL1H331KB	C 330PF, K, 50V	C1013	ECKF1H102ZF	C 1000PF, Z, 50V
C 622	TCBL1H820J	C 82PF, J, 50V	C1014	ECEA50ZR33	E 0.33UF, 50V
C 643	ECQM1H272JV	P 2700PF, J, 50V	C1016	ECQM1H473KV	P 0.047UF, K, 50V
C 649	TCBL1H101J	C 100PF, J, 50V	C1018	ECEA50ZR22	E 0.22UF, 50V
C 656	TCBL1H101J	C 100PF, J, 50V	C1019	ECEA1CSS222	E 2200UF, 16V
C 670	ECCF1H121J	C 120PF, J, 50V	C1020	ECEA1HU010	E 1UF, 50V
C 671	ECCF1H390J	C 39PF, J, 50V	C1021	ECEA1HU3R3	E 3.3UF, 50V
C 672	ECCF1H270J	C 27PF, J, 50V	C1033	ECEA50ZR33	E 0.33UF, 50V
C 673	TCBL1H101J	C 100PF, J, 50V	C1034	ECEA1CU100	E 10UF, 16V
C 686	ECEA1CU100	E 10UF, 16V	C1100	ECEA1CU100	E 10UF, 16V
C 687	ECEA1CU220	E 22UF, 16V	C1101	ECEA1CU100	E 10UF, 16V
C 801	ECQE10224MU	P 0.22UF, M, 1KV	C1102	ECCF1H181JC	C 180PF, J, 50V
△ C 802	ECQE10333MU	P 0.033UF, M, 1KV	C1103	ECKF1H103ZF	C 0.01UF, Z, 50V
△ C 803	ECKDGS102MD4	C 1000PF, M	C1104	ECEA1HU2R2	E 2.2UF, 50V
△ C 805	ECKD2H472PE8	C 4700PF, P, 500V	C1105	ECKF1H103ZF	C 0.01UF, Z, 50V
C 806	ECKD2H472PE8	C 4700PF, P, 500V	C1106	ECEA1CU100	E 10UF, 16V
C 807	ECKD2H472PE8	C 4700PF, P, 500V	C1107	ECEA1HU4R7	E 4.7UF, 50V
C 808	ECES2GH101	E 100UF, 400V	C1108	ECEA1HU4R7	E 4.7UF, 50V
C 809	ECEA1VU330	E 33UF, 35V	C2051	ECSZ50EFR68N	T 0.68UF, 50V
C 810	ECQE1474KN	P 0.47UF, K, 125V	C2052	ECSZ35EF1N	T 1UF, 35V
C 811	ECKD3D122KBN	C 1200PF, K, 2KV	C2053	ECSZ16EF10N	T 10UF, 16V
C 812	ECQM1H103KZ	P 0.01UF, K, 50V	C2054	ECSZ16EF10N	T 10UF, 16V
△ C 813	ECKDKS102ZE	C 1000PF, Z	C2055	ECEA1CU100	E 10UF, 16V
C 815	ECKD2H472PE8	C 4700PF, P, 500V	C2057	ECSZ35EF1N	T 1UF, 35V
C 816	ECKD3D471KBN	C 470PF, K, 2KV	C2103	ECEA1HU4R7	E 4.7UF, 50V
C 817	ECKD2H821KB2	C 820PF, K, 500V	C2501	ECEA1HK010	E 1UF, 50V
C 821	ECEA1EU102	E 1000UF, 25V	C2502	ECEA1HK010	E 1UF, 50V
C 823	ECKD2H122KB2	C 1200PF, K, 500V	C2503	ECEA1HK010	E 1UF, 50V
C 826	ECKD2H821KB2	C 820PF, K, 500V	C2504	ECKF1H103ZF	C 0.01UF, Z, 50V
C 827	ECEA1HU010	E 1UF, 50V	C2507	ECQV05563JC	P 0.056UF, J, 50V
C 829	ECEA1CU470	E 47UF, 16V	C2508	ECEA1EK4R7	E 4.7UF, 25V
C 855	ECEA1HU010	E 1UF, 50V	C2509	ECCF1H680J	C 68PF, J, 50V
C 861	ECEA1CN101S	E 100UF, 16V	C2511	ECEA1CSS221	E 220UF, 16V
C 862	ECEA1EU102	E 1000UF, 25V	C2513	ECCF1H330J	C 33PF, J, 50V
C 863	ECEA1CU471	E 470UF, 16V	C2515	ECEA1CK100	E 10UF, 16V
C 864	ECEA1CU471	E 470UF, 16V	C2516	ECEA1CSS101	E 100UF, 16V
C 870	ECEA1EU102	E 1000UF, 25V	C2518	ECEA1HK010	E 1UF, 50V
C1001	ECKF1H103ZF	C 0.01UF, Z, 50V	C2519	ECCF1H220J	C 22PF, J, 50V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R1060	ERDS2TJ102	C 1KOHM, J, 1/4W	R2511	ERDS1TJ331	C 330OHM, J, 1/2W
R1061	ERDS2TJ473	C 47KOHM, J, 1/4W	R2512	ERDS2TJ560	C 560HM, J, 1/4W
R1062	ERDS2TJ103	C 10KOHM, J, 1/4W	R2517	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1063	ERDS2TJ562	C 5.6KOHM, J, 1/4W	R2518	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R1064	ERDS2TJ223	C 22KOHM, J, 1/4W	R2519	ERDS2TJ182	C 1.8KOHM, J, 1/4W
R1065	ERDS2TJ562	C 5.6KOHM, J, 1/4W	R2520	ERDS2TJ333	C 33KOHM, J, 1/4W
R1066	ERDS2TJ223	C 22KOHM, J, 1/4W	R2521	ERDS2TJ103	C 10KOHM, J, 1/4W
△R1067	ERQ14AJ100P	F 100HM, J, 1/4W	R2522	ERDS2TJ750	C 750HM, J, 1/4W
R1068	EVJFHAE25B53	NORMAL-VOL 5KOHM	R2523	ERDS2TJ103	C 10KOHM, J, 1/4W
R1070	ERDS2TJ103	C 10KOHM, J, 1/4W	R2524	ERDS2TJ471	C 4700HM, J, 1/4W
R1071	ERDS2TJ561	C 5600HM, J, 1/4W	R2525	ERDS2TJ102	C 1KOHM, J, 1/4W
R1100	ERDS2TJ562	C 5.6KOHM, J, 1/4W	R2526	ERDS2TJ104	C 100KOHM, J, 1/4W
R1101	ERDS2TJ103	C 10KOHM, J, 1/4W	R2527	ERDS2TJ104	C 100KOHM, J, 1/4W
R1102	ERDS2TJ104	C 100KOHM, J, 1/4W	R2528	ERDS2TJ221	C 2200HM, J, 1/4W
R1103	ERDS2TJ153	C 15KOHM, J, 1/4W	R2529	ERDS2TJ301	C 3000HM, J, 1/4W
R1104	ERDS2TJ272	C 2.7KOHM, J, 1/4W	R2530	ERDS2TJ220	C 220HM, J, 1/4W
R1105	ERDS2TJ102	C 1KOHM, J, 1/4W	CAPACITORS		
R1106	ERDS2TJ103	C 10KOHM, J, 1/4W			
R1107	ERDS2TJ102	C 1KOHM, J, 1/4W	C52	TCBL1E103NR	C 0.01UF, N, 25V
R1108	ERDS2TJ102	C 1KOHM, J, 1/4W	C56	TCBL1E103NR	C 0.01UF, N, 25V
R1109	ERDS2TJ102	C 1KOHM, J, 1/4W	C59	TCBL1E103NR	C 0.01UF, N, 25V
R1110	ERDS2TJ102	C 1KOHM, J, 1/4W	C60	TCBL1E103NR	C 0.01UF, N, 25V
R1111	ERDS1TJ101	C 1000HM, J, 1/2W	C61	TCBL1E103NR	C 0.01UF, N, 25V
R1112	EVN89AA00B34	CLOCK ADJ. 30KOHMB	C101	TCBL1H102KB	C 1000PF, K, 50V
R1113	ERDS2TJ104	C 100KOHM, J, 1/4W	C102	ECKF1H103ZF	C 0.01UF, Z, 50V
R1114	ERDS2TJ562	C 5.6KOHM, J, 1/4W	C104	TCBL1E103NR	C 0.01UF, N, 25V
R1115	ERDS2TJ223	C 22KOHM, J, 1/4W	C105	TCBL1E103NR	C 0.01UF, N, 25V
R1116	ERDS2TJ563	C 56KOHM, J, 1/4W	C106	ECKF1H103ZF	C 0.01UF, Z, 50V
R1117	ERDS2TJ563	C 56KOHM, J, 1/4W	C107	ECEA1CU471	E 470UF, 16V
R1118	ERDS2TJ223	C 22KOHM, J, 1/4W	C108	TCBL1H102KB	C 1000PF, K, 50V
R1119	ERDS2TJ562	C 5.6KOHM, J, 1/4W	C109	ECEA50Z1R5	E 1.5UF, 50V
R1120	ERDS2TJ102	C 1KOHM, J, 1/4W	C110	ECCF1H101JP	C 100PF, J, 50V
R1121	ERDS2TJ272	C 2.7KOHM, J, 1/4W	C111	ECCF1H080CC	C 8PF, C, 50V
R1122	ERDS2TJ472	C 4.7KOHM, J, 1/4W	C112	ECCF1H090CC	C 9PF, C, 50V
R1123	ERDS2TJ272	C 2.7KOHM, J, 1/4W	C113	ECCF1H101JP	C 100PF, J, 50V
R1124	ERDS2TJ221	C 2200HM, J, 1/4W	C114	TCBL1E103NR	C 0.01UF, N, 25V
R2501	ERDS2TJ103	C 10KOHM, J, 1/4W	C118	TCBL1E103NR	C 0.01UF, N, 25V
R2502	ERDS2TJ103	C 10KOHM, J, 1/4W	C151	ECCF1H050CC	C 5PF, C, 50V
R2504	ERDS2TJ333	C 33KOHM, J, 1/4W	C152	TCBL1E103NR	C 0.01UF, N, 25V
R2505	ERDS2TJ123	C 12KOHM, J, 1/4W	C201	TCBL1H470J	C 47PF, J, 50V
R2506	ERDS2TJ122	C 1.2KOHM, J, 1/4W	C202	ECQM1H473KV	P 0.047UF, K, 50V
R2507	ERDS2TJ102	C 1KOHM, J, 1/4W	C203	ECEA1CU101	E 100UF, 16V
R2508	ERDS2TJ821	C 8200HM, J, 1/4W	C204	TCBL1H120J	C 12PF, J, 50V
R2509	ERDS2TJ182	C 1.8KOHM, J, 1/4W			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R 377	ERD25TLJ821	C 820OHM, J,1/4W	R 505	ERD25TLJ273	C 27KOHM, J,1/4W
R 378	ERD25TLJ102	C 1KOHM, J,1/4W	R 506	ER025CKF2551	M2.55KOHM, F,1/4W
R 379	ERD25TLJ182	C 1.8KOHM, J,1/4W	R 507	EVLSOMA00B13	H. HOLD 1KOHMB
R 380	ERD25TLJ152	C 1.5KOHM, J,1/4W	R 508	ERD25TLJ272	C 2.7KOHM, J,1/4W
R 381	ERD25TLJ222	C 2.2KOHM, J,1/4W	R 509	ERD25TLJ223	C 22KOHM, J,1/4W
R 385	ERD25TLJ333	C 33KOHM, J,1/4W	R 512	ERD25TJ221	C 220OHM, J,1/4W
R 390	ERD25TLJ681	C 680OHM, J,1/4W	R 513	ERD25TJ181	C 180OHM, J,1/4W
R 398	ERD25TLJ562	C 5.6KOHM, J,1/4W	R 514	ERD25TLJ221	C 220OHM, J,1/4W
R 399	ERD25TJ332	C 3.3KOHM, J,1/4W	R 515	ERG2SJ560H	M 560HM, J, 2W
R 401	ERD25TLJ471	C 470OHM, J,1/4W	R 517	ERQ12HJ1R0P	F 10HM, J,1/2W
R 402	ERD25TLJ471	C 470OHM, J,1/4W	R 520	ERD25TJ221	C 220OHM, J,1/4W
R 403	ERD25TLJ393	C 39KOHM, J,1/4W	R 540	ERD25TLJ224	C 220KOHM, J,1/4W
R 404	ERD25TLJ684	C 680KOHM, J,1/4W	R 541	ERD25TLJ103	C 10KOHM, J,1/4W
R 405	ERD25TLJ154	C 150KOHM, J,1/4W	R 542	ERD25TLJ562	C 5.6KOHM, J,1/4W
R 406	ERD25TLJ123	C 12KOHM, J,1/4W	R 543	ERD25TLJ823	C 82KOHM, J,1/4W
R 408	ER025CKF8201	M 8.2KOHM, F,1/4W	R 544	ERD25TLJ103	C 10KOHM, J,1/4W
R 409	EVLSOMA00B14	V. HOLD 10KOHMB	R 552	ERD25TLJ104	C 100KOHM, J,1/4W
R 410	ERD25TLJ683	C 68KOHM, J,1/4W	△ R 553	ERQ12HJ1R8P	F 1.80HM, J,1/2W
R 411	EVLSOMA00B25	V. HEIGHT 200KOHMB	R 554	ERD25TJ223	C 22KOHM, J,1/4W
R 412	ERD25TLJ562	C 5.6KOHM, J,1/4W	R 555	ERD25TLJ103	C 10KOHM, J,1/4W
R 413	ERD25TLJ562	C 5.6KOHM, J,1/4W	△ R 556	ERQ12HJ1R2P	F 1.20HM, J,1/2W
R 414	ERD25TLJ472	C 4.7KOHM, J,1/4W	△ R 557	ERQ12HJR33P	F 0.330HM, K,1/2W
R 415	ERD25TLJ182	C 1.8KOHM, J,1/4W	△ R 559	ERQ12HJR82P	F 0.820HM, K,1/2W
R 416	ERD25TLJ472	C 4.7KOHM, J,1/4W	R 564	ERD25TLJ330	C 330HM, J,1/4W
R 417	ERD25FJ4R7	C 4.70HM, J,1/4W	R 565	ERDS1TJ270	C 270HM, J,1/2W
R 419	ERD25TLJ392	C 3.9KOHM, J,1/4W	R 601	ERD25TLJ221	C 220OHM, J,1/4W
R 420	ERD25TLJ332	C 3.3KOHM, J,1/4W	R 602	EVN89AA00B54	SUB COLOUR 50KOHMB
R 421	ERD25TLJ392	C 3.9KOHM, J,1/4W	R 605	EVN89AA00B33	DL ADJ. 3KOHMB
R 422	ERD25TLJ681	C 680OHM, J,1/4W	R 606	ERD25TLJ471	C 470OHM, J,1/4W
R 423	ERD25TLJ153	C 15KOHM, J,1/4W	R 607	ERD25TLJ224	C 220KOHM, J,1/4W
R 424	ERD25TJ273	C 27KOHM, J,1/4W	R 609	ERD25TLJ822	C 8.2KOHM, J,1/4W
R 425	ERD25TLJ223	C 22KOHM, J,1/4W	R 610	ERD25TLJ822	C 8.2KOHM, J,1/4W
R 426	ERD25TLJ123	C 12KOHM, J,1/4W	R 615	EVN89AA00B14	APC 10KOHMB
△ R 430	ERQ14LK1R5P	F 1.50HM, K,1/4W	R 618	ERD25TLJ104	C 100KOHM, J,1/4W
R 432	ERD25TLJ103	C 10KOHM, J,1/4W	R 619	ERD25TLJ822	C 8.2KOHM, J,1/4W
R 433	ER025CKF8201	M 8.2KOHM, F,1/4W	△ R 620	ERQ14LK5R6P	F 5.60HM, K,1/4W
R 434	ERD25TLJ103	C 10KOHM, J,1/4W	R 621	ERD25TLJ183	C 18KOHM, J,1/4W
R 435	ERD25TLJ392	C 3.9KOHM, J,1/4W	R 622	ERD25TLJ391	C 390OHM, J,1/4W
R 436	ERD25TLJ562	C 5.6KOHM, J,1/4W	R 623	ERD25TLJ391	C 390OHM, J,1/4W
R 438	ERD25TJ221	C 220OHM, J,1/4W	R 624	ERD25TLJ391	C 390OHM, J,1/4W
R 501	EVLSOMA00B14	H. CENTRE 10KOHMB	R 625	ERD25TLJ391	C 390OHM, J,1/4W
R 502	ERD25TLJ822	C 8.2KOHM, J,1/4W	R 626	ERD25TLJ391	C 390OHM, J,1/4W
R 503	ERD25TLJ122	C 1.2KOHM, J,1/4W	R 627	ERD25TLJ102	C 1KOHM, J,1/4W
R 504	ERD25TLJ332	C 3.3KOHM, J,1/4W	R 642	ERD25TLJ821	C 820OHM, J,1/4W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
OTHERS			△	TNP17092AA	N-BOARD
			△	TNP17138AG	H-BOARD
△	A18JHC30X	PICTURE TUBE	△	TNP17151AD	K-BOARD
	EAS8P103SD	SPEAKER	△	TNP17157AF	A-BOARD
	TBL171303	STAND	△	TNP17233AC	G-BOARD
	TBM17148	MODEL NAME PLATE	△	TNP17814AK	E-BOARD
	TBX3780900	POWER BUTTON	△	TNP17927AB	Y-BOARD
	TBX3781000	PROGRAMME BUTTON	△	TNV79757F2	TUNER
	TBX3781100	VOLUME BUTTON		TPC181252	OUTER CARTON
	TEK17918	DOOR SWITCH		TPD191132-1	CUSHION
	TES1209	SPRING		TPD192136-1	CUSHION
	TES285	SPRING		TPE24057	SET COVER
	TES4539	SPRING		TQB610964	INSTRUCTION BOOK
	TES6528	SPRING FOR I.C.		TSA123002	BUILT-IN AERIAL
	TES6572	SPRING (for L101)	△	TSX3115	POWER SUPPLY CORD
	TES6583	SPRING FOR TR	△	TSX3133	DC CORD
				TXFKY01PFE	CABINET
△	TJB727401	A/V TERMINAL BOARD		TXFMK01H55	MAGNET
	TJC6320	FUSE HOLDER		VMG0211	RUBBER LEG
	TJS148442	POWER SOCKET	△	XBAT61103	FUSE 60V 10A
	TJS168440	3P SHORT PLUG	△ F801	XBA2C31TRO	FUSE 250V 3.15A
	TJS168960	2P CONNECTOR	△ F802	XBA2C63TRO	FUSE 250V 6.3A
	TJS168970	3P CONNECTOR	S301	EVQR1AL13	SERVICE SWITCH
	TJS168980	4P CONNECTOR	S401	EVQR4AL13	V. CENTRE SWITCH
	TJS168990	5P CONNECTOR	△ S801	ESB99252S	POWER SWITCH
	TJS169010	CONNECTOR	S1001	EVQQSC13K	TUNING DOWN
	TJS169020	8P CONNECTOR	S1002	EVQQSC13K	TUNING UP
	TJS169040	12P CONNECTOR	S1003	EVQQS607T	PROGRAMME DOWN
	TJS35160	CRT SOCKET	S1004	EVQQS607T	PROGRAMME UP
	TKE277900-1	ESCUTCHEON	S1006	EVQQSC13K	VHF SELECTOR
	TKK170227	HANDLE	S1008	EVQQSC13K	UHF SELECTOR
	TKK178541-5	SOCKET COVER	S1009	EVQQSC13G	STORE SWITCH
	TKK179242	HANDLE BASE COVER	S1011	TSE377	TV/AV SELECTOR
	TKP2713791	FRONT PANEL	S1012	TSE378	PRESET SWITCH
	TKP2713801-1	DOOR	S1013	EVQQS607T	VOLUME UP
	TLC2042	CONVERGENCE YOKE	S1014	EVQQS607T	VOLUME DOWN
	TLK159073	DEGAUSSING COIL	S2501	TSE380	SIF SELECTOR
	TLY15224F	DEFLECTION YOKE			
	TMM15511	DY WEDGE	X101	EFCS6ROMW3	TRAP
	TMM17208	CRT SOCKET COVER	X103	EFCS5R5MW3	CERAMIC TRAP
	TMM17428-1	SIF SELECTOR COVER	X201	EFCS6ROMS3	SOUND FILTER
	TMM17596	RUBBER CUSHION	X202	EFCS5R5MS3	CERAMIC FILTER
	TMX17401	P.C.B CLAMPER	X301	EFCS4R3MW3	CERAMIC FILTER
	TNP17079AB	T-BOARD	X601	TSS116M1	CRYSTAL
	TNP17091AD	M-BOARD			